## INTERNATIONAL SEARCH REPORT

nal Application No Pul/B2004/004528

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G02B6/255 G02B6/38

According to International Patent Classification (IPC) or to both national classification and IPC

### B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 - 602B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

	ENTS CONSIDERED TO BE RELEVANT	Relevant to claim No.
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Helevant to claim No.
Х	US 4 727 742 A (AMP INCORPORATED)	1,2,5-9,
	1 March 1988 (1988-03-01)	13,14, 17,26-28
	column 2, line 35 - column 4, line 24; figures 1-8	
X	GB 2 034 069 A (POST OFFICE)	1-10,13, 14,
	29 May 1980 (1980-05-29)	17-23, 26-29
	page 2, line 61 — page 3, line 124; figures 1—9	
Y	Tiguico 2 3	24,25, 30,31
A		11,12,
		15,16
	_/	

Further documents are listed in the continuation of box C.	χ Patent family members are listed in annex.
<ul> <li>Special categories of cited documents:</li> <li>"A" document defining the general state of the art which is not considered to be of particular relevance</li> <li>"E" earlier document but published on or after the international filing date</li> <li>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</li> <li>"O" document referring to an oral disclosure, use, exhibition or other means</li> <li>"P" document published prior to the international filing date but tater than the priority date claimed</li> </ul>	"T" later document published after the international filling date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.  "8" document member of the same patent family
Date of the actual completion of the international search	Date of mailing of the international search report
17 December 2004	05/01/2005
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL – 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  Fax: (+31-70) 340-3016	Authorized officer Frisch, A

## INTERNATIONAL SEARCH REPORT

Inte 1 nai Application No
PC 1 / 1 B 2004 / 004528

2.0	A DOCUMENTS CONCINEDED TO BE DELEVANT	FC17 dB20047 004528
Category °	ation) DOCUMENTS CONSIDERED TO BE RELEVANT  Chation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	SHAH V ET AL: "CLEAVED OBLIQUE FIBER END FACES FOR HIGH-PERFORMANCE MECHANICAL SPLICES" PROCEEDINGS OF THE OPTICAL FIBER COMMUNICATION CONFERENCE. SAN DIEGO, FEB. 18 - 22, 1991, NEW YORK, IEEE, US, vol. CONF. 14, 18 February 1991 (1991-02-18), page 111, XP000270396 ISBN: 1-55752-166-2 the whole document	3,4,22,
A	WO 98/54608 A (MURGATROYD IAN JOHN; OXFORD FIBER OPTIC TOOLS LTD (GB)) 3 December 1998 (1998-12-03) cited in the application the whole document	3,4,22, 23
<b>A</b>	PATENT ABSTRACTS OF JAPAN vol. 0092, no. 99 (P-408), 27 November 1985 (1985-11-27) -& JP 60 134209 A (FUJITSU KK), 17 July 1985 (1985-07-17) abstract; figure 4	11,12, 15,16
Y	EP 0 810 455 A (FUJIKURA LTD; NIPPON TELEGRAPH & TELEPHONE (JP)) 3 December 1997 (1997-12-03) column 4, line 16 - line 23; figures 1,4,5 column 8, line 6 - line 53	24,25, 30,31
Y	EP 0 846 965 A (FUJIKURA LTD) 10 June 1998 (1998-06-10) column 4, line 44 - column 5, line 13; figures 1,4,5	24,25, 30,31
Y	EP 0 874 253 A (FUJIKURA LTD) 28 October 1998 (1998-10-28) column 8, line 1 - line 8; figure 11	24,25,30,31

# BEST AVAILABLE COPY

# INTERNATIONAL SEARCH REPORT

inte nai Application No PC 1/ uB2004/004528

				1017			UD20047 004320	
	itent document In search report		Publication date		Patent family member(s)		Publication date	
US	4727742	Α	01-03-1988	NONE				
GB	2034069	A	29-05-1980	NONE				
WO.	9854608	Α	03-12-1998	AU	7669098	A	30-12-1998	
				DE	69809734	D1	09-01-2003	
				DE	69809734	T2	18-09-2003	
	-			ΕP	0985160	A1	15-03-2006	
				WO	9854608	A1	03-12-1998	
				JΡ	2002515141	T	21-05-2002	
				US	2002084301	A1	04-07-200	
JP	60134209	A	17-07-1985	NONE				
EP	0810455	Α	03-12-1997	JP	3540096		07-07-200	
				JP	9318836		12-12-199	
				EP	0810455		03-12-199	
				US	5963699	Α	05-10-199	
EP	0846965	A	10-06-1998	JP	9061655		07-03-199	
				JР	9090148		04-04-199	
				JP	9096733		08-04-199	
				JP	9152521		10-06-199	
				JP	9159869		20-06-199	
				JР	9197169		31-07-199	
				JP	9197170		31-07-199	
				JР	9197171		31-07-199	
				JP	10020139		23-01-199	
				DE	69619833		18-04-200	
				DE	69619833		26-09-200	
				EP	0846965		10-06-199	
				US	5984532		16-11-199	
				WO	9708575	A1	06-03-199 	
EP	0874253	Α	28-10-1998	JP	9096735		08-04-199	
				JP	9197160		31-07-199	
				JP	9197161		31-07-199	
				JP	9197162		31-07-199	
				JP	10010351		16-01-199	
				DE	69617463		10-01-200	
				DE	69617463		27-06-200	
				EP	0874253		28-10-199	
				US	6190054		20-02-200	
				WO	9713171	۸1	10-04-199	